

Exhibit 1

Selected Pages from Lab Notebook S179
Belonging to Frank Tran



LABORATORY NOTEBOOK

Notebook No.: \$ 179
Assigned to: Frank Tran
Date: 7-26-99

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PROJECT _____

Exhibit 1
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Notebook No. S 179
Continued From Page _____

39

4-16-99

SL 5170 Study with SR 394 (Instead of 3700)

John Foy

3/25/03

Continued on Page

Read and Understood By

John Foy

Signed

4-16-99

Dat

David L. Johnson

Signed

4/17/2000

Date

9-16-99

REDACTED

John W 3/25/03
Continued on Page

Read and Understood By

John W

Signed

9-16-99

Date

David L. John

Signed

4/17/2000

Date

\$ 179-39A (SL 5170 modified with SR 349)

$$P = 23.5 \text{ mW}$$

20.56	30.84	47.29	74.03	115.15
4.61	5.26	7.10	8.80	10.19
80.19	123.38	191.23	298.16	462.66
9.45	11.50	13.60	15.92	19.78

$$D_p = 4.30, E_c = 8.63$$

9-11-99 S179-39A 10 min = 1648, 1684, 1707 = 1680
60 min = = 1922

REDACTED

Patricia

Signed

9-16-99

Date

David L. Johnson

Then by

4/17/2002

Date _____

3/25/93

9-11-99

5179-39A 10 min = 1648, 1684, 1707 = 1680
60 min = 1900, 1930, 1936 = 1922

REDACTED3/25/93
Continued on Page

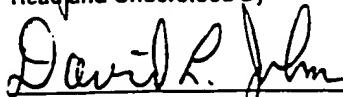
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9-16-99

Date



Signed

4/17/2000

Dat

SL 5170P = 32.7 mwbatch

20.03.	31.47	48.64	74.39	114.35
5.28	5.28	7.05	8.13	9.71
80.12	123.03	191.70	297.57	460.66
8.15	10.37	12.58	15.29	21.98

 $D_p = 4.35$ $E_c = 18.66$ 9-17-99**REDACTED**9-18-99SL79-39B $10 \text{ min} = 1648, 1687, 1706 = 1680$
 $60 \text{ min} = 1783, 1809, 1853 = 1818$

Continued on Page _____

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John Eng 312573Franklin

Signed

12-3-99

Date

David L. Johnson

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4/7/2000

Date

REDACTED18-14-99

	18.99	29.44	48.83	73.24	116.64
S179-39 C	48.66	124.78	192.59	298.38	461.13

S179-39 D	<u>39C</u>	3.46	5.21	8.13	9.26	10.69
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P = 31.0 mW	9.45	10.88	13.11	16.32	20.85
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 $DP = 4.37, EC = 8.87$

<u>39D</u>	2.46	4.37	7.70	10.56	11.90
	9.09	11.93	14.13	17.33	22.91

Continued on Page

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4/7/2000

7/25/03

70
PROJECT

Exhibit 1
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Notebook No. § 179

Continued From Page _____

§ 179-39C 10 min = 1785, 1837, 1879 = 1834

60 min = 2002, 2037, 2051 = 2030

10-15-99

§ 179-39D 10 min = 1301, 1326, 1341 = 1323

60 min = 1440, 1502, 1523 = 1488

REDACTED

Continued on Page _____

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taffle

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12-3-99

Date

David L. Johnson

Name

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4/7/2000

3/25/02

10-16-99

S179-39D Parts did not build.

S179-39E & 39F P = 30.1 mW

21.07	31.61	47-41	73.75	115.89
79.01	123.79	192.26	297.61	460.91

S179-39E	3.68	44.84	6.48	7.59	8.04
	6.79	8.17	9.50	11.09	14.95

D_P = 2.63, E_C = 4.93

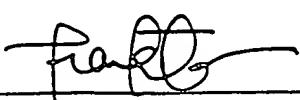
S179-39F	2.60	3.96	6.94	10.40	11.36
	7.44	11.33	13.89	17.12	24.03

D_P = 5.39, E_C = 13.43

REDACTED

Continued on Page

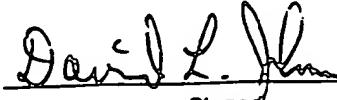
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4/17/2000

3/23/11

10-18-99

S 179-39 F 10 min = 1554, 1610, 1629 = 1598
60 min = 1689, 1643, 1520 = 1617

S 179-39 E 10 min = 1586, 1647, 1637 = 1623
60 min = 1713, 1702, 1732 = 1716

10-19-99**REDACTED**

Continued on Page _____

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4/7/20073/25/13

Date